

## Lantibody Display Peptide

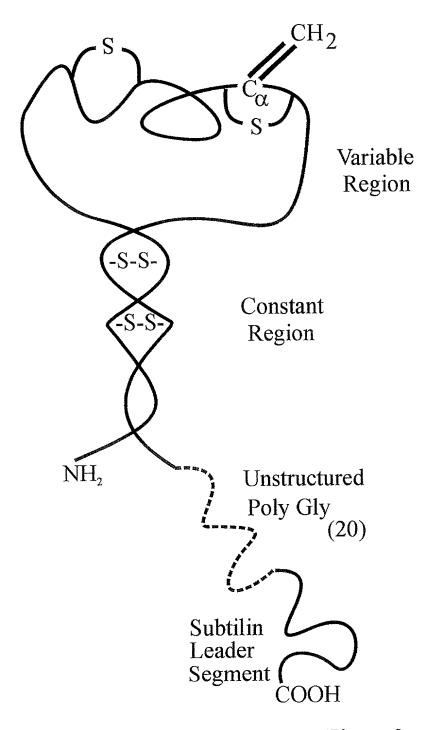


Figure 2



Figure 3

## EcoRI

| Sublancin leader ----> <u>Xho I</u>
ACAAATGGGGAGGTTTTACAA **ATGGAAAAGCTATTTAAAGAAGTTAAACTCGAGGAACTCGAAAACCAAA** 

| Sun A ----->
AAGGTAGT GGATTAGGAAAAGCTCAGTGTGCTGCGTTGTGGCTACAATGTGCTAGTGGCGGTACAATTGG
Pst I |

TTGTGGTGGCGGAGCTGTTGCTTGTCAAAACTATCGTCAATTCTGCAGA TAAAACATTTGTAGAGGGAAT

HindIII

Figure 4

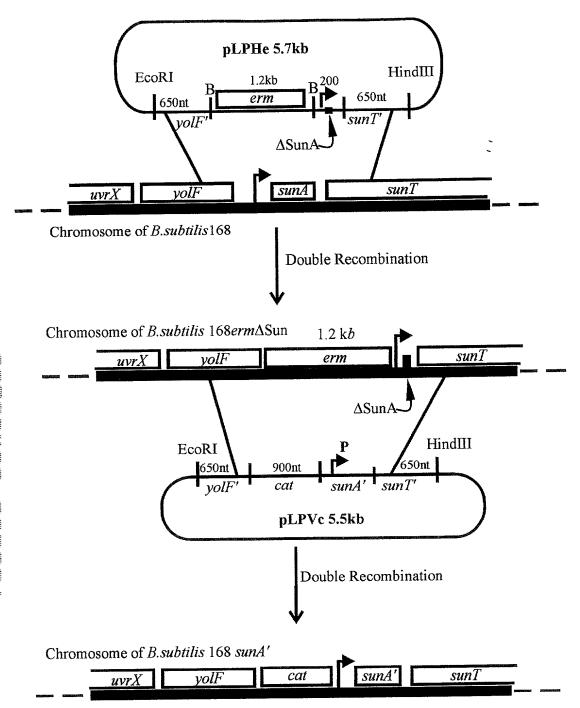
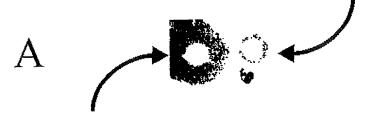


Figure 5

## B. subtilis EΔSun



B. subtilis 168

В



B. subtilis 168 SunA' Figure 6

← pLPcat Sublancin leader→ TTGCAAACAAATGGGGAGGTTTTACAA ATGGAAAAGCTATTTAAAGAAG MetGluLysleuPheLysGluV sublancin prep-XhoI TTAAACTCGAGGAACTCGAAAAACCAAAAAGGTAGT GGATTAGGAAAAGC AllysLeuGluGluLeuGluAsnGluLysGlySer GlyLeuGlyLysAl  $tide \rightarrow$ TCAGTGTGCTGCGTTGTGGCTACAATGTGCTAGTGGCGGTACAATTGGTT  ${\tt aGlnCysAlaAlaLeuTrpLeuGlnCysAlaSerGlyGlyThrIleGlyC}$ Poly-KasI GTGGTGGCGCCGCTTGCTTGTCAAAACTATCGTCAATTCTGTAGAGGT ysGlyGlyGlyAlaValAlaCysGlnAsnTyrArgGlnPheCysArgGly glycine20→  $subtilin leader \rightarrow$ XbaI TGGTGGTATGTCAAAGTTCGATGATTTCGATCTAGATGTTGTGAAAGTCT yGlyGlyMetSerLysPheAspAspPheAspLeuAspValValLysValS PstI Stop

CTAAACAAGACTCAAAAATCACTCCGCAATAGAGTCCTGCAGATAAAACA
erLysGlnAspSerLysIleThrProGln \*
pLPcat

Figure 7

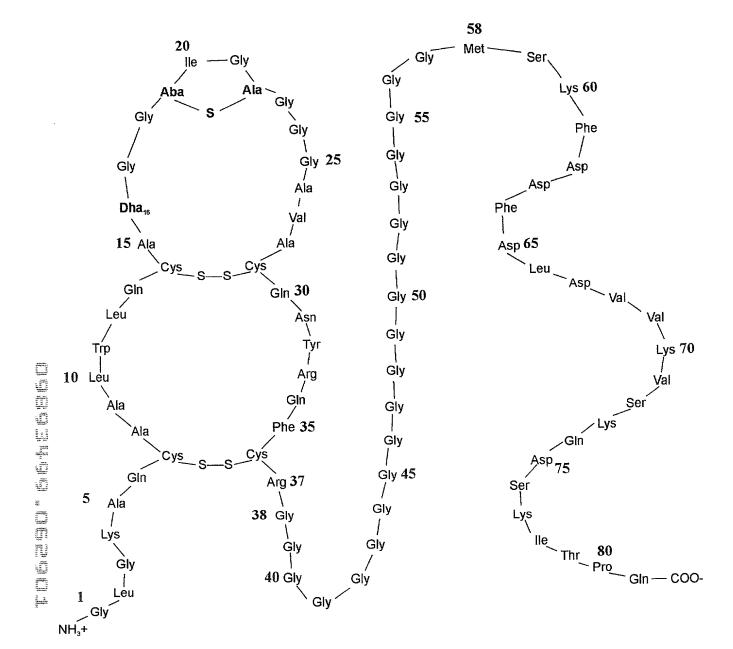


Figure 8